

C. M. TUCKER LUMBER CORPORATION
P. O. Box 7
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TRADE NAME: Wood Dust SYNONYMS: None CAS. NO.: None
DESCRIPTION: Particles generated by any manual or mechanical cutting
or abrasion process performed on wood. 7/20/94

PHYSICAL DATA

Boiling Point	Not Applicable
Specific Gravity	Variable (Dependent on wood species and moisture content.)
Vapor Density	Not Applicable
% Volatiles of Volume . . .	Not Applicable
Melting Point	Not Applicable
Vapor Pressure.	Not Applicable
Solubility in Water	Insoluble
Evaporation Rate (Butyl Acetate=1)	Not Applicable
pH.	Not Applicable
Appearance & Odor	Light to dark colored granular solid. Color and odor are dependent on the wood species and time since dust was generated.

Inhalation Remove to fresh air and
get medical advice if persistent
irritation, severe coughing,
breathing difficulties occur,
before returning to work where
wood dust is present.

Ingestion. Not Applicable

Skin Get medical advice if
rash or persistent irritation
or dermatitis occur, before
returning to work where wood
dust is present.

FIRE & EXPLOSION DATA

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Flash Point . . . . . Not Applicable
Auto-ignition Temperature . . . . Variable
                                     (Typically 400-500°F)
Explosive Limits in Air . . .40 g/m3 (LEL)
Extinguishing Media . . . Water, CO2, Sand
Special Fire Fighting
Procedure . . . . .Wet down wood dust with
                    water to reduce the likelihood of
                    ignition or dispersion of dust
                    into the air. Remove burned or
                    wet dust.

Unusual Fire &
Explosion Hazard . . . . Strong to severe
                        explosion hazard
                        (if wood dust "cloud"
                        contacts an ignition source).
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EMERGENCY & FIRST AID PROCEDURES

Eyes. Flush with water
to remove dust particles. If
irritation persists, get
medical attention.

HEALTH EFFECTS DATA

Exposure Limit ACGIH TLV^(R)
 STEL (15 min.) -10 mg/m³ (Softwood)
 TWA - 1.0 mg/m³
 (certain hardwoods such as
 beech and oak)
 - No current OSHA PEL
 Skin & Eye Contact Wood Dust can
 cause eye irritation. Various
 species wood dust can elicit
 allergic contact dermatitis in
 sensitized individuals.
 Ingestion Not Applicable
 Skin Absorption. Not known to occur
 Inhalation May Cause: nasal
 dryness, irritation
 and obstruction. Coughing,
 wheezing, and sneezing; sinusitis
 and prolonged colds have
 also been reported.
 Chronic Effects Depending on
 species, may cause dermatitis on
 prolonged, repetitive contact;
 may cause respiratory sensitization
 and/or irritation. Prolonged
 exposure to wood dust has been
 reported by some observers to be
 associated with nasal cancer. Wood
 dust is not listed as a carcinogen
 by IARC, NTP, ACGIH or OSHA.
 (over)

Material Safety Data Sheet
Wood Dust - Continued

REACTIVITY DATA

Conditions Contributing
to Instability Stable
under normal conditions.
Incompatibility Avoid contact with
oxidizing agents, drying
oils & flame. Product may ignite
at temperatures in excess of 400°F.
Hazardous Decomposition
Products Thermal-oxidative
degradation of wood produces
irritating & toxic fumes & gases
including CO, aldehydes and
inorganic acids.

GENERALLY APPLICABLE

CONTROL MEASURES

Ventilation Provide
adequate general & local exhaust
ventilation to maintain healthful
working conditions.
Safety Equipment Provide
goggles or safety glasses. Other
protective equipment such as gloves
& approved dust respirators may be
needed depending upon dust conditions.

SPILL/LEAK

CLEAN-UP PROCEDURES

Recovery or disposal Clean-up,
sweep or vacuum spills for
recovery or disposal. Avoid
creating dust conditions.
Provide good ventilation where
dust conditions may occur.
Place recovered wood dust in a
container for proper disposal.

PRECAUTIONS & SAFE HANDLING

Eye Contact Avoid
Skin Contact Avoid
repeated or prolonged contact
with skin. Careful bathing & clean
clothes are indicated after exposure.
Inhalation Avoid
repeated or prolonged
breathing of wood dust
in air.
Oxidizing agents
& Drying Oils Avoid contact
Open Flame & Sparks Avoid
all ignition sources.

Important

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